

11-8-94 received plates from Kala S. for pUC19 PCR  
with Top + Deep Vent and no  $Mn^{++}$  or dNTP bias.  
picked 20 white colonies and 2 Blue for 2 ml LB+100  $\mu$ g  
overnights at 30°C.

12-9-94

miniprep as per (p 41, 4)  
using 0.5 ml cells.

resuspended DNA in 50  $\mu$ l TE + RNase

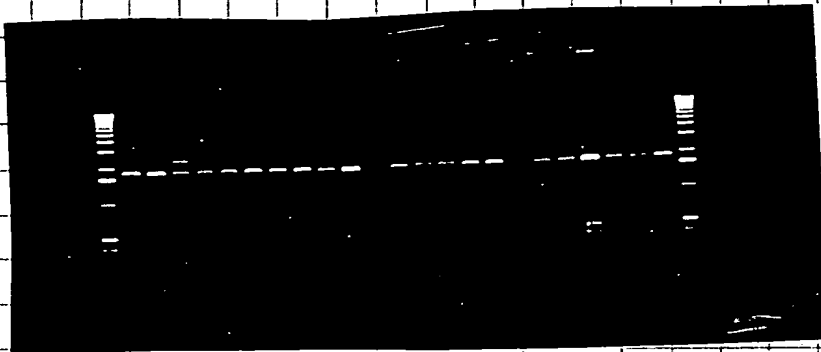
digest each (#21, 22 <sup>are from</sup> the 2 blue colonies)  
as follows (Tube 23 is 0.2  $\mu$ l of 0.8  $\mu$ g pUC19)

1) buffer 4 (10x)	11.6	✓	✓	✓	569
2) H <sub>2</sub> O	2	✓	✓	✓	94
3) P1 10 $\mu$ l	5 $\mu$ l				
4) P2 10 $\mu$ l	5.5	✓	✓	✓	23.5
5) H <sub>2</sub> O 10 $\mu$ l	0.5	✓	✓	✓	
6) T <sub>1</sub> 24 $\mu$ l	0.1	✓	✓	✓	4.7
7) T <sub>2</sub> 7 $\mu$ l	0.3	✓	✓	✓	14.1
	20 $\mu$ l				

37°C, 2 hours

cocktail for 47Pex  
use 15  $\mu$ l Pex  
5  $\mu$ l DNA

Result:  
all are  
full length  
lane 2



lane 2 gives 2 bands

Issued & Understood by me,

Date

Invented by

Date

To Page No.

Deena B. B. B.

1/6/95

Recorded by

12-9-94